



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

April 30

D205-634-011
Job Sheet 175167



Part No: D205-634-011

Job Qty: 1 ea

Part Name: Skidtube with Standard Wearplates Fits LH or RH



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/28/18

Job Tracking No:

Due Date: 4/30/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV I SHEET 11 IPP Rev:P 02.08.28 Removed QC5 from Step 5 KJ IPP Rev:Q 08-08-12 now @ chg 006 (DSI 9417) DD verf:EC IPP Rev R 09.01.28 now chg 007 DSI9417 revB EC verf:DD IPP Rev:S 10.12.01 as per chg008 DD verf:EC IPP REV:T 12.01.23 AS PER ECN11-684 VERF:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	4/30/18	4/30/18	0.00	0.00	Start Up Stores/Pkg-1		DAS 58 APR 27 2018
110	Packaging	1 pcs	4/30/18	4/30/18	0.00	0.00	Packaging1-2		9-89 APR 28 2018
120	QC	1 pcs	4/30/18	4/30/18	0.00	0.00	QC4		APR 28 2018
125	DC	1 pcs	4/30/18	4/30/18	0.00	0.00	DC		APR 28 2018
130	Packaging	1 pcs	4/30/18	4/30/18	0.00	0.00	Packaging3-1		APR 28 2018
140	QC21-FG	1 Ea	4/30/18	4/30/18	0.00	0.00	QC21		21 APR 27 2018

Part Op 125 - Photocopy bluefile & type labels per PPP D205-634-011 CHG 011
Descriptions: 130 - Identify and pack for shipping as per PPP D205-634-011 Location : FG084

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D205-634-041	Replacement Skidtube with Standard Wearplates Fits LH or RH	1 Ea (1 ea)	90-Start up Operation	5059112
K10003	Saddles	1 Ea (1 ea)	90-Start up Operation	5063287

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D205-634-041	1	6	0
	K10003	1	3	0

Part Specifications

Specifications could not be found.

Plex 3/28/18 11:31 AM Dart.lajeunesse.marie

5059112

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____ Description W	DISPOSITION Rework ☐ Scrap ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; text-align: center;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td></td> <td></td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐			Supplier ☐																																																				
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																																																																					
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																																																					
Thermforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																																																																					
		Supplier ☐																																																																						
		MRB (QSI042) Approval _____ Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____																																																																						
DART Aerospace Ltd. 1270 Aberdeen Street Heckesbury, ON K64 1K7 CANADA TEL.: 1 613 832-5200 Email: sales@dartaero.com www.dartaero.com DART AEROSPACE Container No: S066096 Part: D205-634-011 Job No: 175167 Serial No/Batch: S066096 Revision: _____ Inspector: _____ Date: 04/27/18																																																																								
<table style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: left; padding: 5px;">Root Cause</th> </tr> <tr> <td style="width: 15%; text-align: center;">Environment</td> <td style="width: 10%;">☐</td> <td style="width: 15%; text-align: center;">No Re-verification</td> <td style="width: 10%;">☐</td> </tr> <tr> <td style="text-align: center;">Design</td> <td>☐</td> <td style="text-align: center;">Operator</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Doc/Data</td> <td>☐</td> <td style="text-align: center;">Offset/Setup</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Equip/Tooling</td> <td>☐</td> <td style="text-align: center;">Supplier</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Handling/Pre</td> <td>☐</td> <td style="text-align: center;">Training</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Material</td> <td>☐</td> <td style="text-align: center;">Use for Testing</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Internal Transport</td> <td>☐</td> <td style="text-align: center;">Poor Information</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Tribal Knowledge</td> <td>☐</td> <td style="text-align: center;">Rushing</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">LOA</td> <td>☐</td> <td style="text-align: center;">Product Improvement</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Substation</td> <td>☐</td> <td style="text-align: center;">Process Improvement</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Past Expiry Date</td> <td>☐</td> <td style="text-align: center;">Manufacturing Process</td> <td>☐</td> </tr> <tr> <td style="text-align: center;">Misidentified</td> <td>☐</td> <td style="text-align: center;">Past Due</td> <td>☐</td> </tr> </table>					Root Cause				Environment	☐	No Re-verification	☐	Design	☐	Operator	☐	Doc/Data	☐	Offset/Setup	☐	Equip/Tooling	☐	Supplier	☐	Handling/Pre	☐	Training	☐	Material	☐	Use for Testing	☐	Internal Transport	☐	Poor Information	☐	Tribal Knowledge	☐	Rushing	☐	LOA	☐	Product Improvement	☐	Substation	☐	Process Improvement	☐	Past Expiry Date	☐	Manufacturing Process	☐	Misidentified	☐	Past Due	☐																
Root Cause																																																																								
Environment	☐	No Re-verification	☐																																																																					
Design	☐	Operator	☐																																																																					
Doc/Data	☐	Offset/Setup	☐																																																																					
Equip/Tooling	☐	Supplier	☐																																																																					
Handling/Pre	☐	Training	☐																																																																					
Material	☐	Use for Testing	☐																																																																					
Internal Transport	☐	Poor Information	☐																																																																					
Tribal Knowledge	☐	Rushing	☐																																																																					
LOA	☐	Product Improvement	☐																																																																					
Substation	☐	Process Improvement	☐																																																																					
Past Expiry Date	☐	Manufacturing Process	☐																																																																					
Misidentified	☐	Past Due	☐																																																																					
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">Centre Not Concentric</td> <td style="width: 25%; text-align: center;">BOM/Route</td> <td style="width: 25%; text-align: center;">Grain</td> <td style="width: 25%; text-align: center;">Positioned Wrong</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">Cracks</td> <td style="text-align: center;">Broken/Damage/Defect</td> <td style="text-align: center;">Weld</td> <td style="text-align: center;">Outside Dimensions</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">Crimp/Kink/Ripple/Wave</td> <td style="text-align: center;">Inspection Incomplete/Unqualified</td> <td style="text-align: center;">Wrong Stock Pulled</td> <td style="text-align: center;">Over/Under tolerance</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">Cuffs</td> <td style="text-align: center;">Contamination</td> <td style="text-align: center;">Out of Sequence</td> <td style="text-align: center;">Part Incorrect</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">Crushing</td> <td style="text-align: center;">Countersink</td> <td style="text-align: center;">Off-set</td> <td style="text-align: center;">Part Lost/Missing</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">Heat Treat</td> <td style="text-align: center;">Cut Too Short</td> <td style="text-align: center;">Mislabeled</td> <td style="text-align: center;">Part Moved</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">Wave/Twist in Tube</td> <td style="text-align: center;">Instructions Incomplete/Unclear</td> <td style="text-align: center;">Fit/Function</td> <td style="text-align: center;">Drawing</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td style="text-align: center;">Marks/Chatter</td> <td style="text-align: center;">Drill Holes</td> <td style="text-align: center;">Misaligned/off center</td> <td style="text-align: center;">Finish</td> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> <td style="text-align: center;">☐</td> </tr> <tr> <td colspan="4" style="text-align: center;"> OTHER : _____ </td> </tr> </table>					Centre Not Concentric	BOM/Route	Grain	Positioned Wrong	☐	☐	☐	☐	Cracks	Broken/Damage/Defect	Weld	Outside Dimensions	☐	☐	☐	☐	Crimp/Kink/Ripple/Wave	Inspection Incomplete/Unqualified	Wrong Stock Pulled	Over/Under tolerance	☐	☐	☐	☐	Cuffs	Contamination	Out of Sequence	Part Incorrect	☐	☐	☐	☐	Crushing	Countersink	Off-set	Part Lost/Missing	☐	☐	☐	☐	Heat Treat	Cut Too Short	Mislabeled	Part Moved	☐	☐	☐	☐	Wave/Twist in Tube	Instructions Incomplete/Unclear	Fit/Function	Drawing	☐	☐	☐	☐	Marks/Chatter	Drill Holes	Misaligned/off center	Finish	☐	☐	☐	☐	OTHER : _____			
Centre Not Concentric	BOM/Route	Grain	Positioned Wrong																																																																					
☐	☐	☐	☐																																																																					
Cracks	Broken/Damage/Defect	Weld	Outside Dimensions																																																																					
☐	☐	☐	☐																																																																					
Crimp/Kink/Ripple/Wave	Inspection Incomplete/Unqualified	Wrong Stock Pulled	Over/Under tolerance																																																																					
☐	☐	☐	☐																																																																					
Cuffs	Contamination	Out of Sequence	Part Incorrect																																																																					
☐	☐	☐	☐																																																																					
Crushing	Countersink	Off-set	Part Lost/Missing																																																																					
☐	☐	☐	☐																																																																					
Heat Treat	Cut Too Short	Mislabeled	Part Moved																																																																					
☐	☐	☐	☐																																																																					
Wave/Twist in Tube	Instructions Incomplete/Unclear	Fit/Function	Drawing																																																																					
☐	☐	☐	☐																																																																					
Marks/Chatter	Drill Holes	Misaligned/off center	Finish																																																																					
☐	☐	☐	☐																																																																					
OTHER : _____																																																																								

PAGE 1 OF 1

Description: SKIDTUBE w/ STANDARD WEARPLATES, LH/RH

[illegible]